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Andrew I. Kimmel

October 20, 2009

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

  Re: Title: SYSTEM FOR DETECTING, DIAGNOSING, AND TREATING
      CARDIOVASCULAR DISEASE
     Letters Patent No.: 7,483,743
     Issued: January 27, 2009
     Our Reference No.: SAVCOR.1C2CP1

Dear Sir:

  Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

  As the errors cited in the Certificate of Correction were incurred through the fault of the Patent Office, no fee is believed to be required. However, please charge our Deposit Account No. 11-1410 for any fees that may be required.

        Respectfully submitted,

        Knobbe, Martens, Olson & Bear, LLP

        Andrew I. Kimmel, Esq.
        Registration No. 58,855
        Customer No. 20995

Enclosure
7119108/lay
051109

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,483,743   Page 1 of 1

APPLICATION NO. : 10/698,031

ISSUE DATE   : January 27, 2009

INVENTOR(S)   : Mann et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 4 at line 8, change "includes:" to --includes--.

In column 12 at line 23 (approx.), change "invention," to --invention.--.

In column 13 at line 23, change "explanation" to --explantation--.

In column 21 at line 9, change "10." To --10--.

In column 25 at line 60, change "stentlransducer" to --stent/transducer--.

In column 29 at line 22, change "S_{iLAP}" to --S_{iLAP},--.

In column 30 at line 18, after "acoustics" insert --;--.

In column 34 at line 55, delete "area; or" and insert the same after "cross sectional" as a continuation of line 53.

In column 45 at line 61, change "III" to --In--.

In column 46 at line 58, change "ccil" to --coil--.

In column 47 at line 11, change "S 11" to --IS1--.

In column 48 at line 29, change "ISI" to --IS1--.

In column 48 at line 30, change "ISI" to --IS1--.

In column 48 at line 39 (Approx.), change "ISI" to --IS1--.

In column 65 at line 46, In claim 12, change "compliancetitanium" to --compliance titanium--.

In column 65 at line 48, In claim 13, change "siliconstrain" to --silicon strain--.

In column 66 at line 39, In claim 29, change "1" to --1,--.

In column 66 at line 41, In claim 30, change "1" to --1,--.

In column 69 at line 55, In claim 96, after "signal;" delete "and".

In column 69 at line 57, In claim 96, change "patient" to --patient;--.

7117882/051109

MAILING ADDRESS OF SENDER:

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PTO/SB/44 Equivalent